

Appendix V

Other Water Quality Data in the Cape Fear River Basin

Other Water Quality Data

North Carolina actively solicits "existing and readily available" data and information for each basin as part of the basinwide planning process. Data meeting DWQ quality assurance objectives are used in making use support determinations. Data and information indicating possible water quality problems are investigated further. Both quantitative and qualitative information are accepted during the solicitation period.

High levels of confidence must be present in order for outside quantitative information to carry the same weight as information collected from within DWQ. This is particularly the case when considering waters for the Impaired categories in the Integrated Report (303(d) list. Methodology for soliciting and evaluating outside data is presented in *North Carolina's 2002 Integrated Report*

<http://h2o.enr.state.nc.us/tmdl/2002%20Integrated%20Rept.pdf>. The next data solicitation period for the Cape Fear River is planned for fall 2006.

DWQ data solicitation includes the following:

- Information, letters and photographs regarding the uses of surface waters for boating, drinking water, swimming, aesthetics and fishing.
- Raw data submitted electronically and accompanied by documentation of quality assurance methods used to collect and analyze the samples. Maps showing sampling locations must also be included.
- Summary reports and memos, including distribution statistics and accompanied by documentation of quality assurance methods used to collect and analyze the data.

Contact information must accompany all data and information submitted.

Any data submitted to DWQ from other water sampling programs conducted in the Cape Fear River basin have been reviewed. Data that meet quality and accessibility requirements were considered for use support assessments and the 303(d) list. These data are also used by DWQ to adjust the location of biological and chemical monitoring sites.

DWQ also used data collected from three monitoring coalitions, USGS and the City of Greensboro. In coastal subbasins, DWQ used information from the DEH Shellfish Sanitation and Recreational Water Quality Monitoring Program. These data were used to assign use support ratings to waters in the Cape Fear River basin. The Haw River Assembly also collects information on benthic communities in subbasins 03-06-01 to 03-06-06. These data were not used to assign use support ratings; they were used to identify potential problem areas.

Upper Cape Fear River Basin Association

Ambient data were collected from 48 Upper Cape Fear River Basin Association stations in subbasins 03-06-01 to 03-06-12. Refer to <http://www.cfra-nc.org/projact.html> for more information on the basin association. See subbasin chapters for detailed information on data collected at these stations. The station summary sheets are available in the *2003 Cape Fear River Basinwide Assessment Report* at <http://www.esb.enr.state.nc.us/bar.html>.

SUBBASIN	STATION	STORET	LOCATION	AU NUMBER
03-06-01	BA10	B0070010	TROUBLESOME CRK AT US 29 BUS NR REIDSVILLE	16-6-(3)
03-06-01	BA15	B0170000	HAW RIV AT SR 2614 HIGH ROCK RD NR WILLIAMS B	16-(1)c
03-06-01	BA3	B0050000	HAW RIV AT US 29A NR BENAJA	16-(1)c
03-06-02	BA117	B1980000	HAW RIV AT SR 2171 AT SAXAPAHAW	16-(1)e
03-06-02	BA118	B2000000	HAW RIV AT SR 1005 NR SAXAPAHAW	16-(1)e
03-06-02	BA38	B0400000	REEDY FORK AT SR 2719 HIGH ROCK RD NR MONTIC	16-11-(9)a3
03-06-02	BA42	B0480050	N BUFFALO CRK AT N BUFFALO CRK WWTP INFLUENT	16-11-14-1a2
03-06-02	BA45	B0540050	N BUFFALO CRK AT SR 2770 HUFFINE MILL RD NR	16-11-14-1b
03-06-02	BA50	B0670000	S BUFFALO CRK AT SR 3000 MCCONNELL RD NR GRE	16-11-14-2a
03-06-02	BA54	B0750000	S BUFFALO CRK AT SR 2821 AT MCLEANSVILLE	16-11-14-2c
03-06-02	BA58	B0840000	REEDY FORK AT NC 87 AT OSSIPPEE	16-11-(9)b
03-06-02	BA59	B0850000	HAW RIV AT SR 1530 GERRINGER MILL RD NR OSSI	16-(1)d2
03-06-02	BA76	B1200000	HAW RIV AT NC 54 NR GRAHAM	16-(1)e
03-06-02	BA87	B1350000	MOADAMS CRK AT CORRIGDOR RD UPS OF DISCHARGE	16-18-7
03-06-02	BA88	B1380000	MOADAMS CRK AT SR 1940 GIBSON RD NR FLORENCE	16-18-7
03-06-02	BA90	B1440000	HAW RIV AT SR 2158 SWEPSONVILLE RD NR SWEPSO	16-(1)e
03-06-03	BA112	B1940000	BIG ALAMANCE CRK AT NC 87 NR SWEPSONVILLE	16-19-(4.5)b
03-06-03	BA114	B1960000	ALAMANCE CRK AT SR 2116 AT SWEPSONSVILLE	16-19-(4.5)b
03-06-04	BA139	B2210000	HAW RIV AT US 64 NR PITTSBORO	16-(36.3)
03-06-04	BA150	B2450000	ROBESON CRK AT SR 1943 NR HANKS CHAPEL	16-(37.5)
03-06-05	BA177	B3020000	NEW HOPE CRK AT NC 54 NR DURHAM	16-41-1-(11.5)b
03-06-05	BA178	B3025000	THIRD FORK CRK AT NC 54 NR DURHAM	16-41-1-12-(2)
03-06-05	BA181	B3040000	NEW HOPE CRK AT SR 1107 NR BLANDS	16-41-1-(11.5)c
03-06-05	BA197	B3300000	NORTHEAST CRK AT SR 1102 SEDGWICK ROAD NR RT	16-41-1-17-(0.7)a
03-06-05	BA210	B3670000	NORTHEAST CRK AT SR 1731 O KELLY CHURCH RD N	16-41-1-17-(0.7)b2
03-06-06	BA227	B3899180	MORGAN CRK AT MASON FARM WWTP ENTRANCE AT CH	16-41-2-(5.5)b

03-06-06	BA230	B3900000	MORGAN CRK AT SR 1726 NR FARRINGTON	16-41-2-(9.5)
03-06-07	BA257	B4080000	HAW RIV AT SR 1011 OLD US 1 NR HAYWOOD	16-(42)
03-06-08	BA273	B4350000	DEEP RIV AT SR 1113 KIVETT DR NR HAYWORTH SP	17-(4)a
03-06-08	BA275	B4378000	RICHLAND CRK AT SR 1193 BAKER RD NR HIGH POI	17-7-(0.5)
03-06-08	BA278	B4440000	DEEP RIV AT SR 1129 NR HIGH POINT	17-(4)b
03-06-08	BA292	B4626000	MUDDY CRK AT SR 1929 CEDAR SQUARE RD NR GLEN	17-(4)c
03-06-08	BA299	B4770500	DEEP RIV US 220 BUS MAIN ST AT RANDLEMAN	17-(10.5)a
03-06-08	BA301	B4800000	DEEP RIV AT SR 2122 AT WORTHVILLE	17-(10.5)b
03-06-09	BA304	B4850000	HASKETT CRK AT US 220 BUS NR NORTH ASHEBORO	17-12a
03-06-09	BA307	B4890000	HASKETT CRK AT SR 2128 NR CENTRAL FALLS	17-12b
03-06-09	BA309	B4920000	DEEP RIV AT SR 2261 OLD LIBERTY RD NR CENTRA	17-(10.5)d
03-06-09	BA317	B5070000	DEEP RIV AT SR 2615 AT RAMSEUR	17-(10.5)d
03-06-09	BA318	B5100000	DEEP RIV AT SR 2628 HINSHAW TOWN ROAD NR PAR	17-(10.5)d
03-06-10	BA339	B5390800	COTTON CRK AT SR 1372 AUMAN RD NR STAR	17-26-5-3b
03-06-10	BA347	B5520000	DEEP RIV AT NC 22 AT HIGH FALLS	17-(25.7)
03-06-10	BA355	B5575000	DEEP RIV AT NC 42 AT CARBONTON	17-(32.5)a
03-06-11	BA360	B5685000	DEEP RIV AT DEEP RIVER PARK BRIDGE NR CUMNO	17-(38.7)
03-06-11	BA366	B5820000	DEEP RIV AT US 15 AND 501 NR SANFORD	17-(38.7)
03-06-11	BA380	B6040300	DEEP RIV AT SR 1011 OLD US 1 NR MONCURE	17-(43.5)
03-06-11	BA383	B6050000	DEEP RIV AT CSX RR BRIDGE NR MONCURE	17-(43.5)
03-06-12	BA373	B5950000	ROCKY RIV AT US 64 NR SILER CITY	17-43-(8)a
03-06-12	BA374	B5980000	ROCKY RIV AT SR 2170 RIVES CHAPEL RD NR SILE	17-43-(8)b

Middle Cape Fear River Basin Association

Ambient data were collected from 39 Middle Cape Fear River Basin Association stations in subbasins 03-06-13 to 03-06-17. Refer to <http://www.cfra-nc.org/projact.html> for more information on the basin association. See subbasin chapters for detailed information on data collected at these stations. The station summary sheets are available in the *2003 Cape Fear River Basinwide Assessment Report* at <http://www.esb.enr.state.nc.us/bar.html>.

SUBBASIN	STATION	STORET	LOCATION	AU NUMBER
03-06-07	BA388	B6130500	LICK CRK AT SR 1500 NR CORINTH	18-4-(2)
03-06-07	BA391	B6160000	CAPE FEAR RIV AT NC 42 NR CORINTH	18-(4.5)
03-06-07	BA397	B6200000	BUCKHORN CRK AT NC 42 NR FUQUAY VARINA	18-7-(11)
03-06-07	BA399	B6230000	AVENTS CRK AT SR 1418 NR COKESBURY	18-13-(2)
03-06-07	BA401	B6252000	NEILLS CRK AT US 401 NR LILLINGTON	18-16-(0.7)c2
03-06-07	BA404	B6320000	KENNETH CRK AT SR 1441 CHALYBEATE SPRINGS RD	18-16-1-(2)
03-06-07	BA407	B6370000	CAPE FEAR RIV AT US 401 AT LILLINGTON	18-(16.3)
03-06-07	BA411	B6480000	BUIES CRK AT US 421 AT BUIES CREEK	18-18
03-06-07	BA412	B6483000	E BUIES CRK AT SR 2054 AT BUIES CREEK	18-18-1-(2)
03-06-07	BA413	B6485000	BUIES CRK AT KEITH HILLS GOLF COURSE MAINT S	18-18
03-06-07	BA431	B6840000	CAPE FEAR RIV AT NC 217 AT ERWIN	18-(20.7)a
03-06-13	BA429	B6830000	UPPER LITTLE RIV AT SR 2021 NR LILLINGTON	18-20-(24.5)
03-06-14	BA459	B7280000	LOWER LITTLE RIV AT SR 1451 AT MANCHESTER	18-23-(24)
03-06-14	BA461	B7300000	LOWER LITTLE RIV AT NC 210 NR SPRING LAKE	18-23-(24)
03-06-15	BA471	B7480000	CAPE FEAR RIV AT HOFFER WTP INTAKE AT FAYETT	18-(20.7)b
03-06-15	BA472	B7500000	CAPE FEAR RIV AT I 95 BELOW FAYETTEVILLE	18-(26)b
03-06-15	BA490	B7589000	CROSS CRK AT WALKWAY AT PWC WWTP	18-27-(3)c
03-06-15	BA491	B7590000	CROSS CRK AT US 301 BUS AND I 95 BUS AT FAYE	18-27-(3)c
03-06-15	BA493	B7610000	CAPE FEAR RIV AT RIVERSIDE LANDING	18-(26)a
03-06-15	BA500	B7679000	ROCKFISH CRK AT SR 1300 VASS ROAD	18-31-(12)
03-06-15	BA501	B7679300	ROCKFISH CRK AT US 401 BYPASS NR RAEFORD	18-31-(12)
03-06-15	BA503	B7700000	ROCKFISH CRK AT SR 1432 NR RAEFORD	18-31-(15)
03-06-15	BA537	B8229000	ROCKFISH CRK AT SPECIAL FORCES CLUB	18-31-(23)
03-06-15	BA538	B8230000	ROCKFISH CRK AT NC 87 NR FAYETTEVILLE	18-31-(23)
03-06-15	BA543	B8290000	CAPE FEAR RIV AT DUPONT WATER INTAKE	18-(26)c
03-06-16	BA545	B8301000	CAPE FEAR RIV BELOW LOCK AND DAM 3 BOAT RAMP	18-(26)d
03-06-16	BA546	B8302000	CAPE FEAR RIV AT POWER LINES NR TOLARSVILLE	18-(26)d
03-06-16	BA547	B8305000	CAPE FEAR RIV AT SR 1316 AT TARHEEL	18-(26)d
03-06-16	BA549	B8306000	CAPE FEAR RIV BELOW HARRISON CRK NR RUSKIN	18-(26)d
03-06-16	BA550	B8315000	HARRISON CRK AT SR 1320 AT BURNEY	18-42b
03-06-16	BA553	B8320000	CAPE FEAR RIV AT US 701 AT ELIZABETHTOWN	18-(26)d
03-06-16	BA556	B8330000	CAPE FEAR RIV DNS MOUTH OF ELLIS CRK	18-(26)d
03-06-16	BA557	B8339000	CAPE FEAR RIV ABOVE LOCK AND DAM 2	18-(26)e
03-06-16	BA560	B8340100	TURNBULL CRK AT US 701 NC 53 AND NC 41 NR EL	18-46
03-06-16	BA561	B8340130	CAPE FEAR RIV AT RM 70	18-(26)f
03-06-16	BA564	B8340650	CAPE FEAR RIV AT RM 55	18-(49)
03-06-16	BA571	B8348000	CAPE FEAR RIV AT SR 1730 ELWELL FERRY RD NR	18-(53.5)
03-06-16	BA572	B8349000	CAPE FEAR RIV ABOVE LOCK AND DAM 1 NR EAST A	18-(58.5)
03-06-16	BA575	B8360000	CAPE FEAR RIV AT NC 11 NR KINGS BLUFF	18-(59)

Lower Cape Fear River Program

Ambient data were collected from 34 Lower Cape Fear River Program stations in subbasins 03-06-17 to 03-06-23. Refer to <http://www.cfra-nc.org/projact.html> for more information on the basin association and to <http://www.uncwil.edu/cmsr/aquaticceology/LCFRP/> for other programs associated with the Lower Cape Fear River Program. See subbasin chapters for detailed information on data collected at these stations. The station summary sheets are available in the *2003 Cape Fear River Basinwide Assessment Report* at <http://www.esb.enr.state.nc.us/bar.html>.

SUBBASIN	STATION	STORET	LOCATION	AU NUMBER
03-06-16	BA559	B8340050	BROWNS CRK AT NC 87 MOUTH	18-45
03-06-16	BA562	B8340200	HAMMOND CRK AT SR 1704	18-50
03-06-17	BA584	B8445000	LIVINGSTON CRK AT MOUTH NR RIEGELWOOD	18-64
03-06-17	BA585	B8449000	CAPE FEAR RIV NR NEILS EDDY LANDING NR ACME	18-(63)a
03-06-17	BA587	B8450000	CAPE FEAR RIV AT NEILS EDDY LANDING NR ACME	18-(63)a
03-06-17	BA589	B8465000	CAPE FEAR RIV AT DUPONT INTAKE	18-(63)b
03-06-17	BA640	B9030000	Cape Fear Riv at Indian Creek	18-(63)b
03-06-17	BA642	B9050000	CAPE FEAR RIV AT NAVASSA	18-(71)a
03-06-17	BA644	B9050100	Cape Fear Riv at Horseshoe Bend	18-(71)a
03-06-17	BA707	B9790000	Brunswick Riv at boat ramp in Belville	18-77
03-06-17	BA708	B9795000	Cape Fear Riv at CM 54	18-(71)a
03-06-17	BA709	B9800000	CAPE FEAR RIV AT CM 61 AT WILMINGTON	18-(71)a
03-06-17	BA716	B9845100	Cape Fear Riv at CM 42	18-(71)a
03-06-17	BA722	B9850100	Cape Fear Riv at CM 35	18-(71)b
03-06-17	BA734	B9910000	Cape Fear Riv at CM 23	18-(87.5)b
03-06-17	BA736	B9921000	Cape Fear Riv at CM 18	18-88-3.5
03-06-17	BA740	B9980000	ICW 1000 ft west of Southport discharge	18-88-9b
03-06-18	BA590	B8470000	SOUTH RIV AT US 13 NR COOPER	18-68-12-(0.5)a
03-06-19	BA601	B8604000	GREAT COHARIE CRK AT SR 1214	18-68-1
03-06-19	BA603	B8610001	LITTLE COHARIE CRK AT SR 1207 NR INGOLD	18-68-1-17b
03-06-19	BA615	B8740000	SIX RUNS CRK AT SR 1003	18-68-2-(11.5)
03-06-20	BA634	B8981000	Colly Crk at NC 53	18-68-17
03-06-20	BA636	B9000000	BLACK RIV AT NC 210 ABOVE THOROFARE	18-68b
03-06-21	BA647	B9090000	NORTHEAST CAPE FEAR RIV AT NC 403 NR WILLIAM	18-74-(1)b
03-06-21	BA658	B9191500	Northeast Cape Fear Riv NR Sarecta	18-74-(1)c1
03-06-22	BA651	B9130000	Panther Branch below UT NR FAISON	18-74-19-3b
03-06-22	BA657	B9191000	Goshen Swamp at NC 11 and NC 903	18-74-19b
03-06-22	BA679	B9430000	Rockfish Crk at US 117	18-74-29c
03-06-22	BA681	B9460000	Little Rockfish Crk at NC 11	18-74-29-6
03-06-23	BA684	B9490000	ANGOLA CRK AT NC 53	18-74-33-3
03-06-23	BA686	B9500000	BURGAW CANAL AT SR 1345 WRIGHT ST AT BURGAW	18-74-39a
03-06-23	BA687	B9520000	BURGAW CANAL AT US 117	18-74-39b
03-06-23	BA694	B9580000	NORTHEAST CAPE FEAR RIV AT US 117 AT CASTLE	18-74-(47.5)
03-06-23	BA699	B9670000	Northeast Cape Fear Riv below GE	18-74-(52.5)